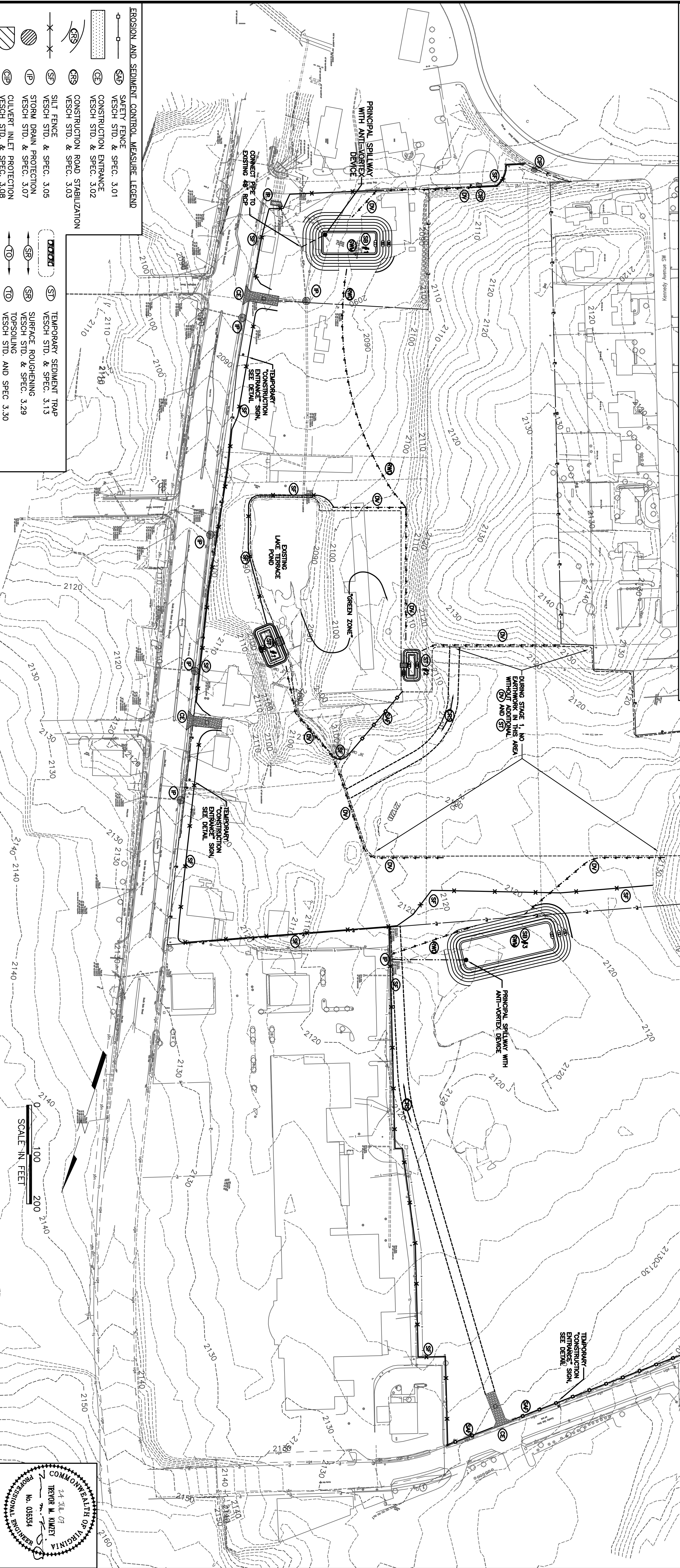


Sequence of Construction

Stage 1

1. Install perimeter erosion and sediment control (ESC) measures, including silt fence, safety fence, inlet protection, and culvert inlet protection as delineated on the plans.
2. Construct stabilized construction entrances at the locations indicated on the plan.
3. Isolate the existing Lake Terrace pond by installing silt fence and safety fence in locations shown, and constructing diversions & sediment traps as necessary to prevent sediment from on-site construction activities from reaching the existing pond. This will establish a "green zone" which will protect the existing pond from sediment laden run-off during this initial stage.
4. Excavate southern sediment/stormwater basin (SB #1) where indicated on plan. Install riser & anti-vortex device, connect the principal spillway pipe to the existing 48" storm drain line as shown. Construct diversions to direct water to the sediment/stormwater basins as shown on the plans.
5. Construct a temporary on-site vehicle transportation route (construction road stabilization) with stone to allow grading operations to cut down the hill on the west side of the southern half of the site and fill the east side of the southern half of the site.
6. This stage of ESC measures will allow the Contractor to perform cut operations on the hillside adjacent to Kennedy Avenue as well as fill operations along South Main Street areas (other than the "green zone").
7. Prior to clearing and grubbing the northern parcel, excavate northern sediment/stormwater basin (SB #3) where indicated on plan. Install riser & anti-vortex device, connect the principal spillway pipe to the existing 36" storm drain line as shown. Construct diversions to direct water to the sediment/stormwater basins as shown on the plans.



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Blacksburg, Va. 24060

540-552-5592

DATE : 24 JUL 07

DESIGNED : RAH LBL

DRAWN : TMM

CHECKED : TMM

QA/QC : WTC

REV. #

COMMENTS

DATE

FIRST & MAIN

PHASE 1

BLACKSBURG, VIRGINIA

EROSION & SEDIMENT CONTROL PLAN

STAGE 1

DOCUMENT NO.

22559 210

SHEET

C3.01

DATE

DATE

TOWN ENGINEER

DATE

TOWN PLANNER

DATE

COMMONWEALTH OF VIRGINIA

24 JUL 07

RECTOR M. (INLET)

No. 00554

PROFESSIONAL ENGINEER

SEDIMENT TRAP #	TOP OF TRAP ELEVATION	DRY STORAGE INLET ELEVATION (SPILLWAY ELEVATION)	WET STORAGE INLET ELEVATION (BOTTOM OF TRAP)	SPILLWAY LENGTH	SEDIMENT STORAGE (SEE SHEET C3.04)	EROSION HEIGHT W (SEE SHEET C3.04)	EROSION HEIGHT H (SEE SHEET C3.04)	SPILLWAY HEIGHT (SEE SHEET C3.04)
1	2098.50'	2095.50'	2093.00'	18.0'	362.00'	824.00'	2.5'	3.0'
2	2102.00'	2099.00'	2097.00'	8.0'	201.00'	569.00'	2.5'	2.0'

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